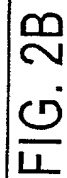


FIG. 1





DTV and DTV Stations on Channel 62

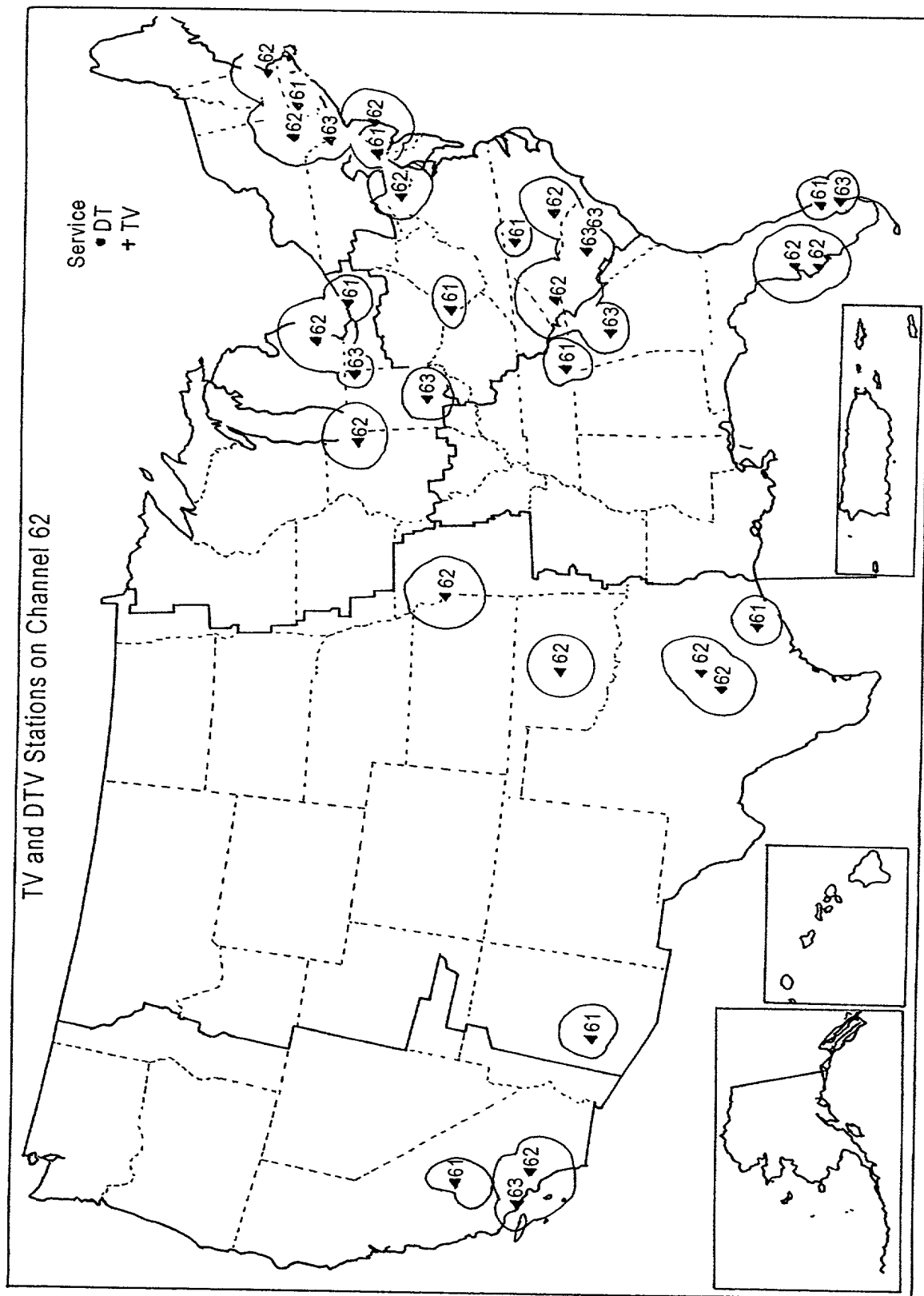


FIG. 2D

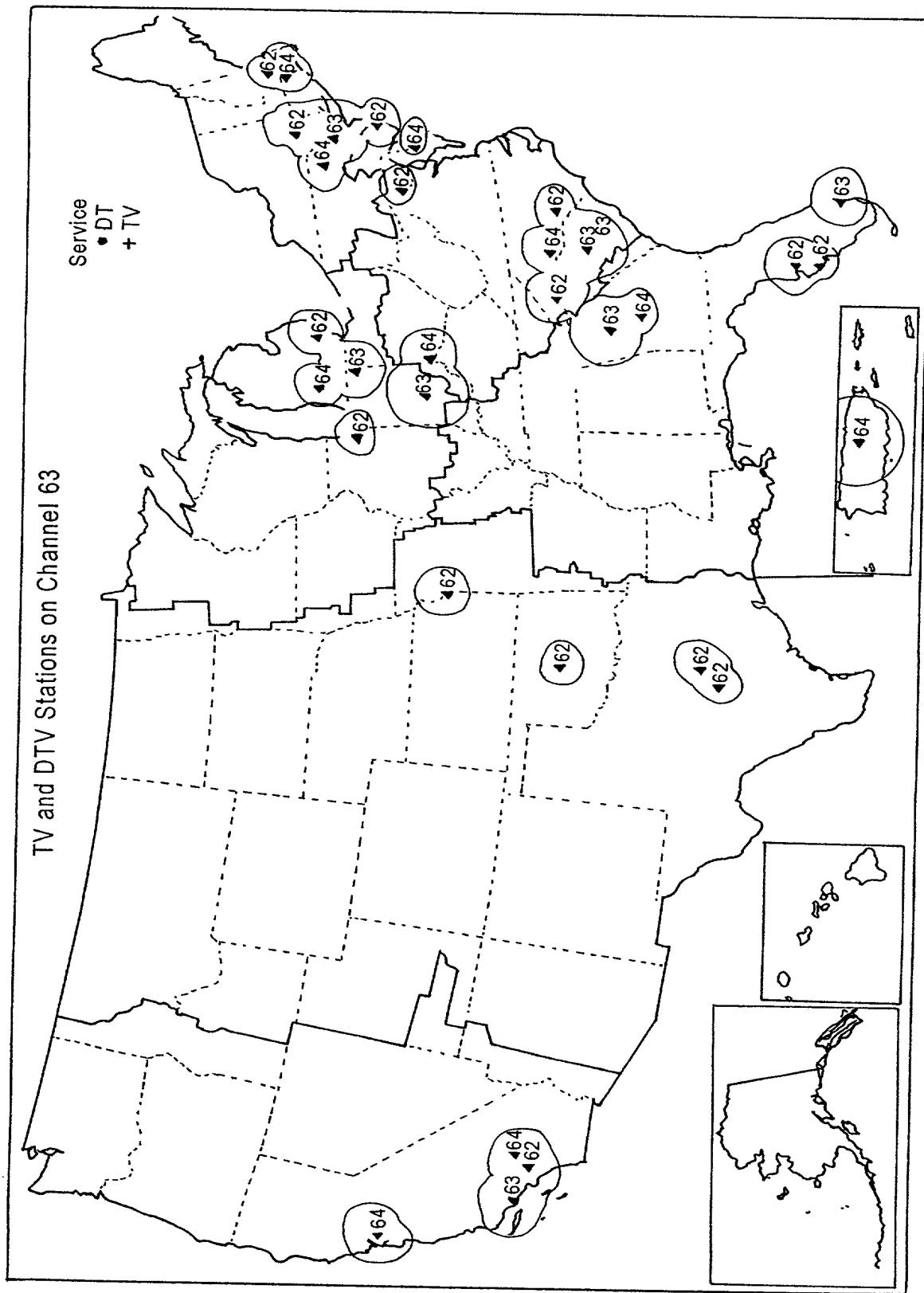
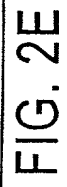


FIG. 2D



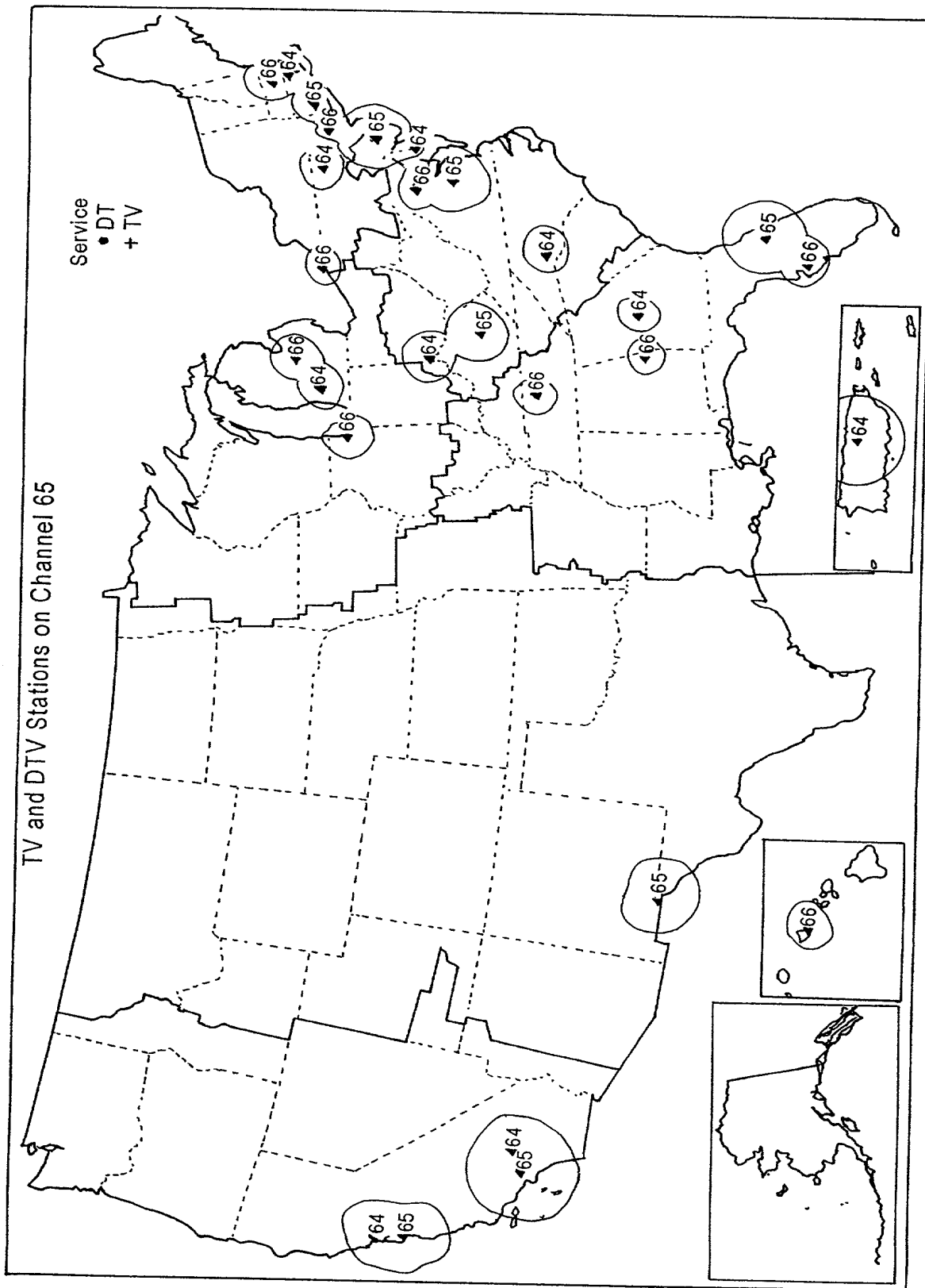


FIG. 2F

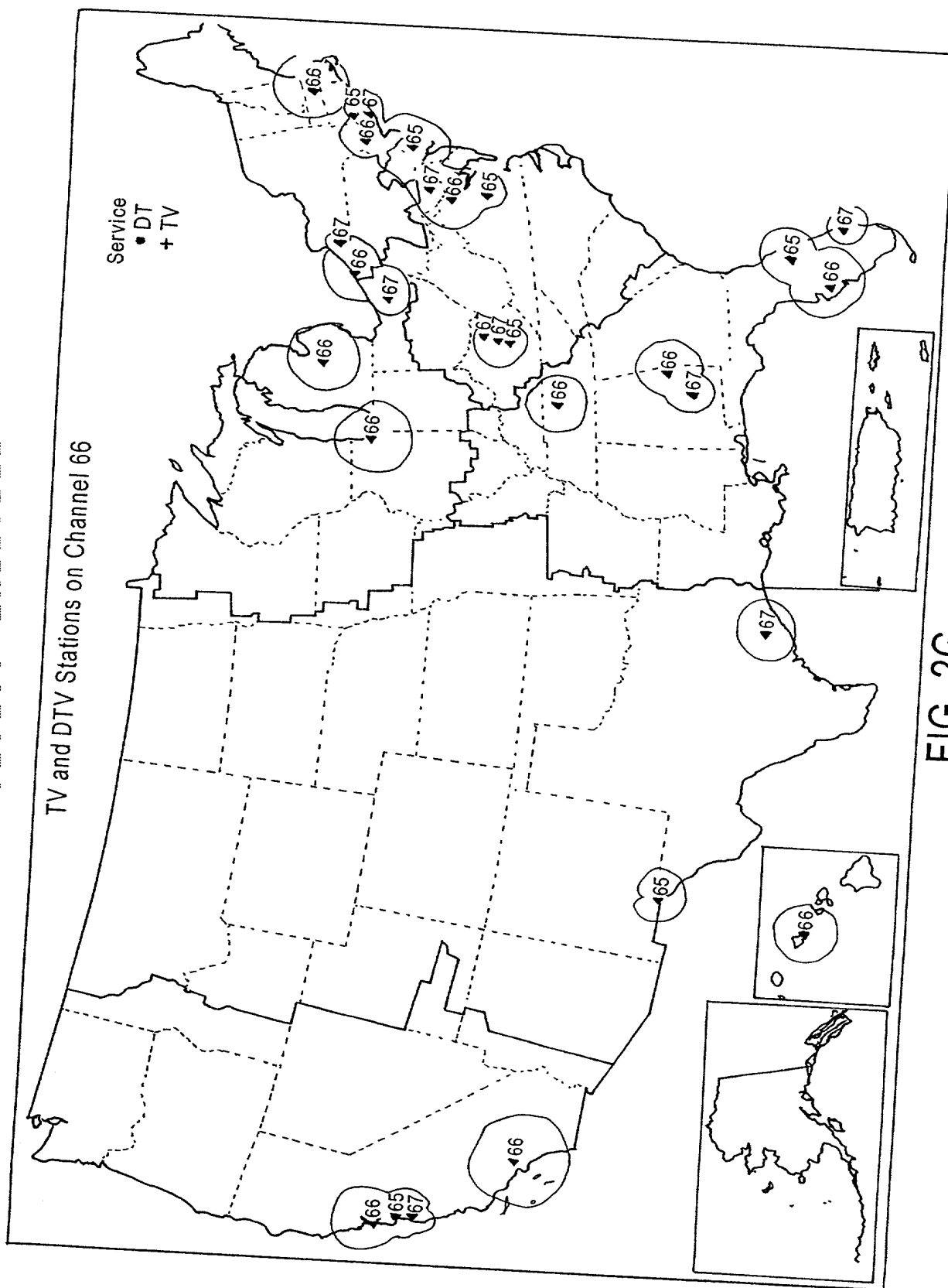


FIG. 2G

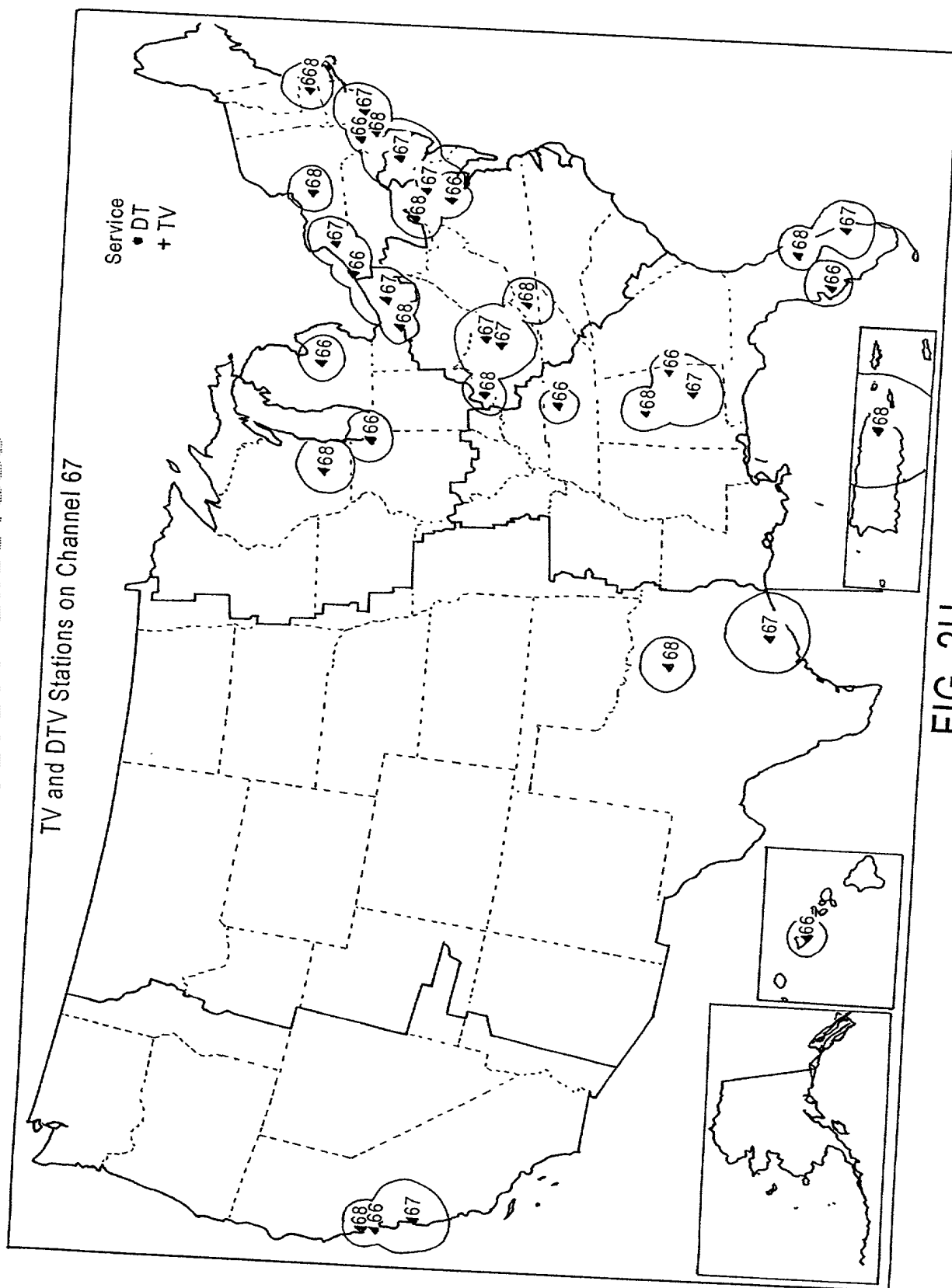


FIG. 2H

Service
• DT
+ TV



FIG. 21

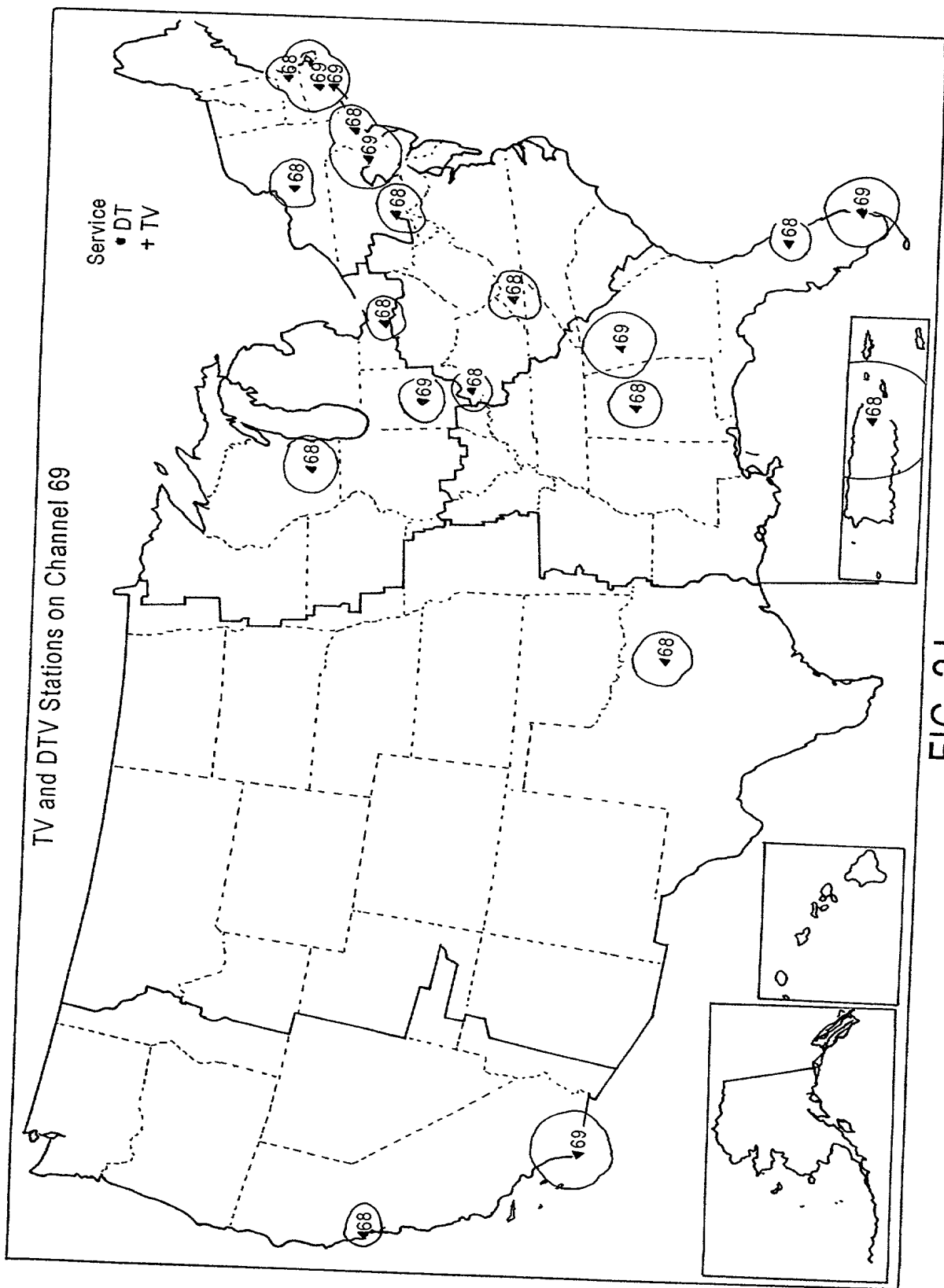
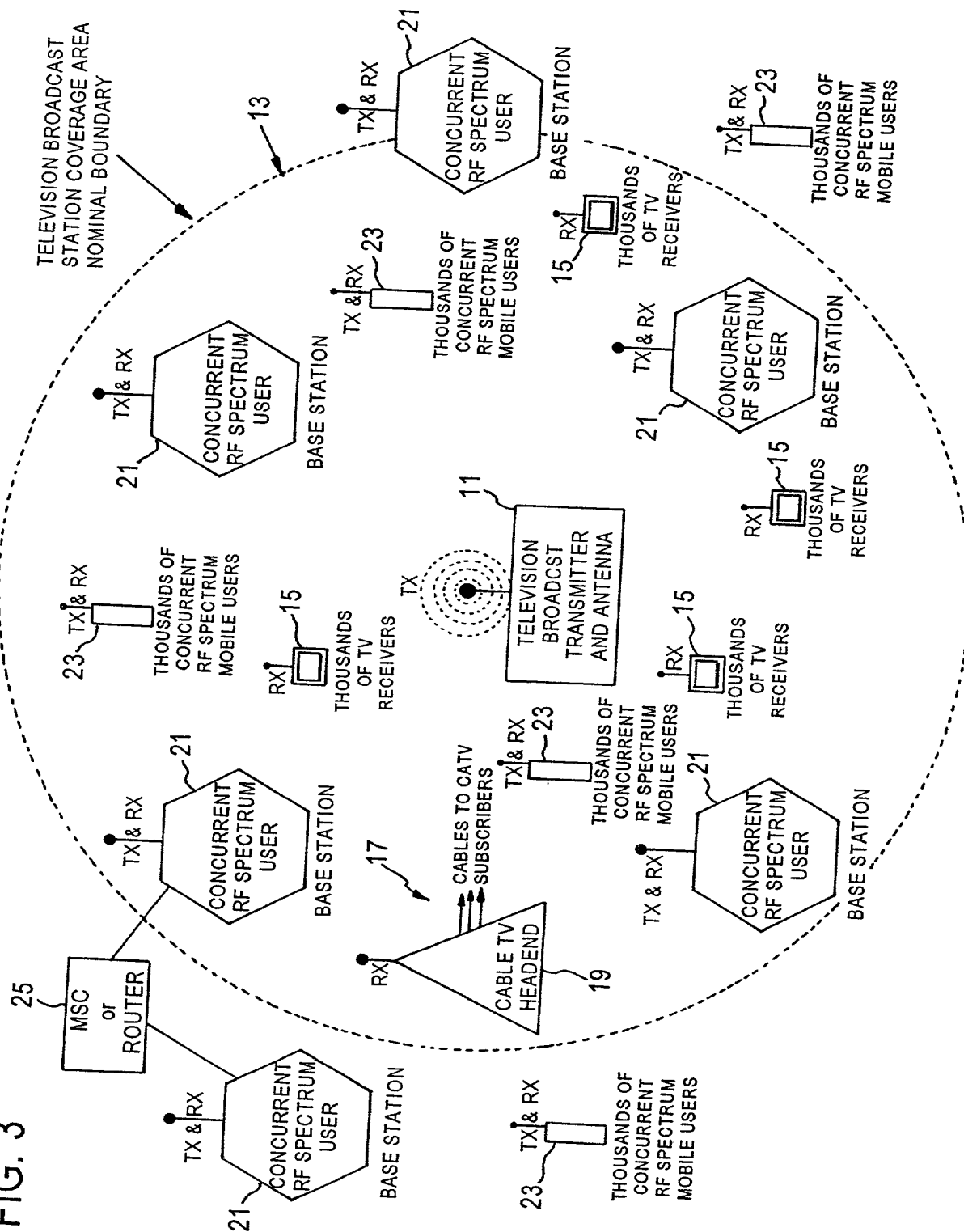
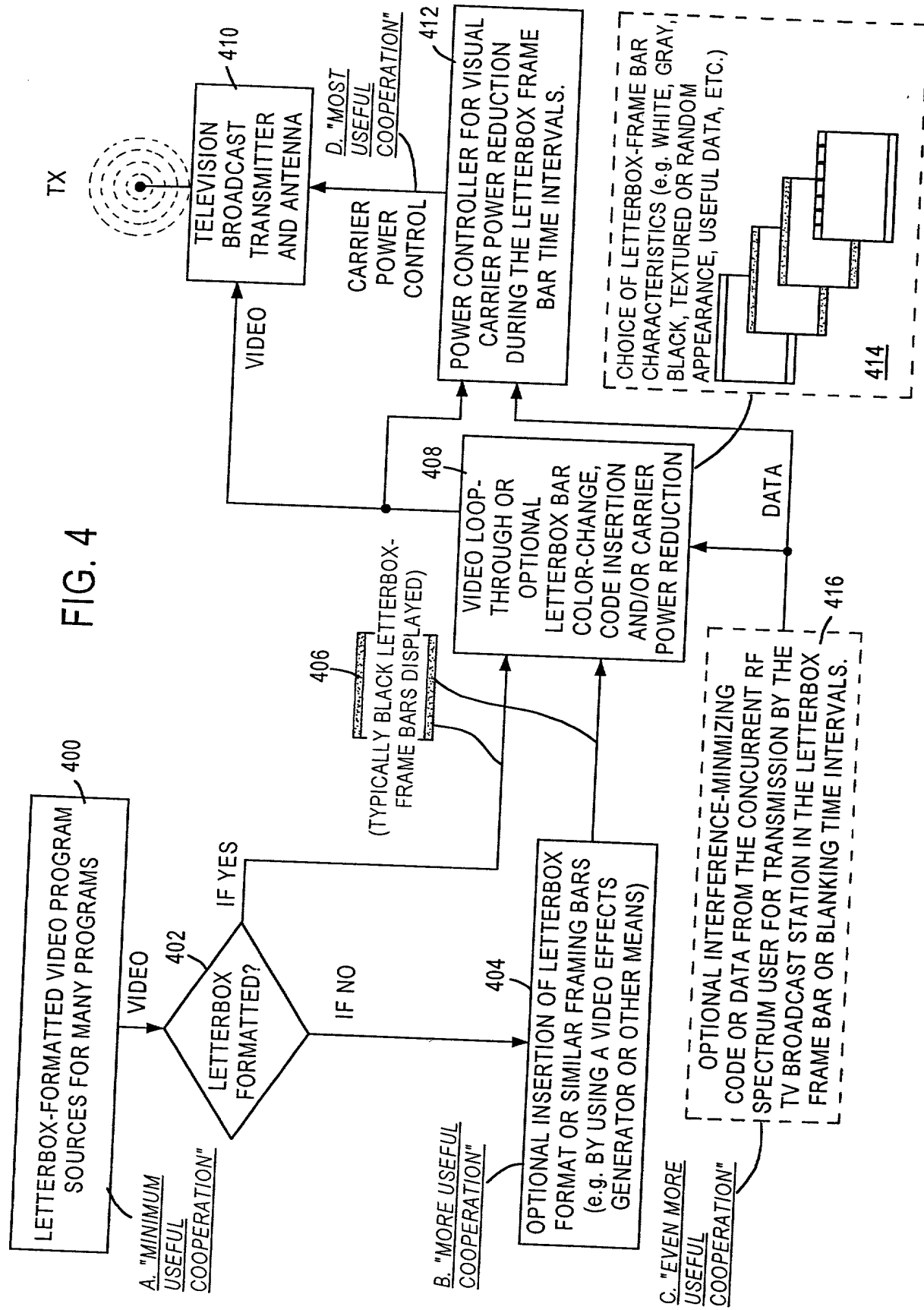


FIG. 2J

FIG. 3





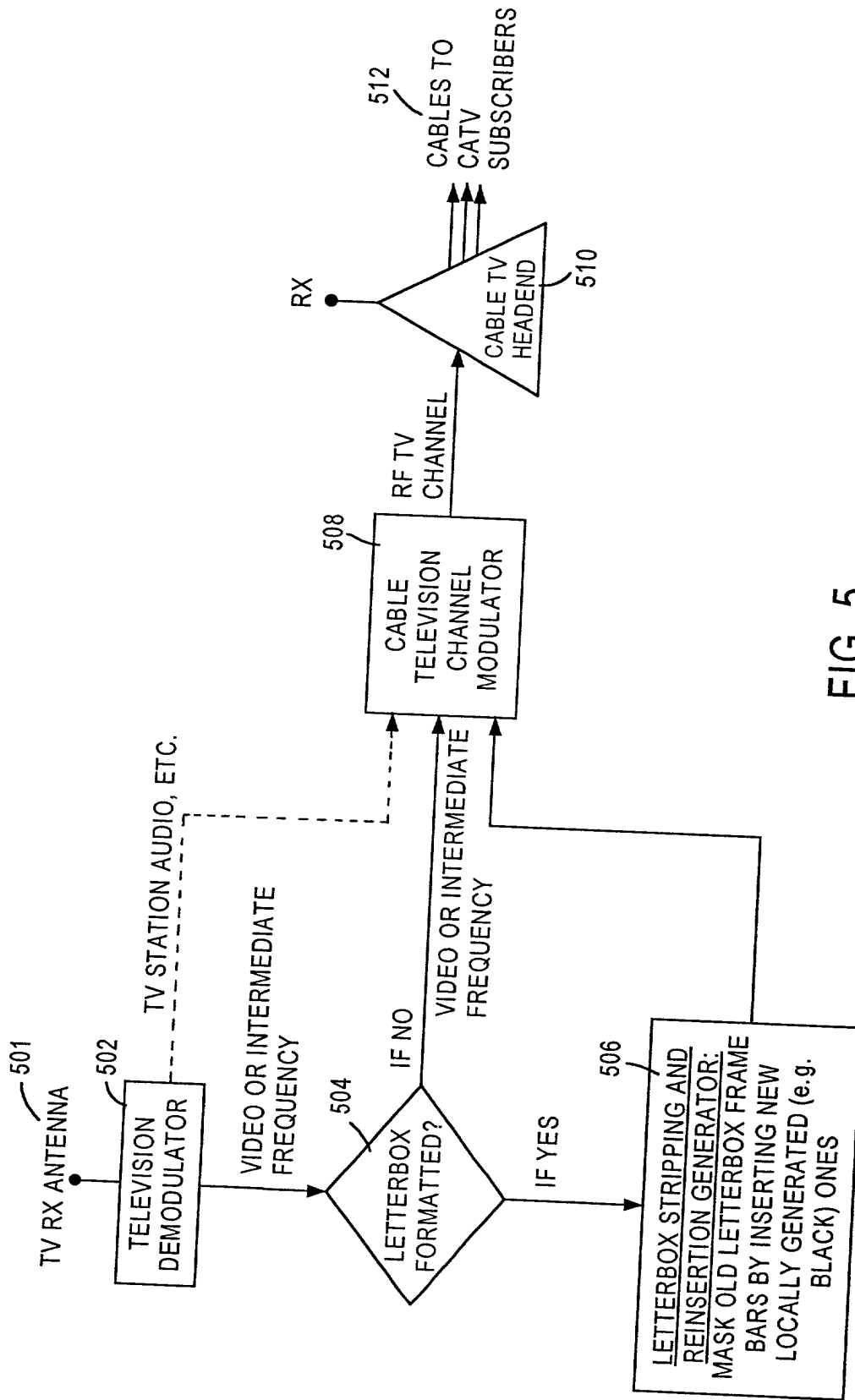
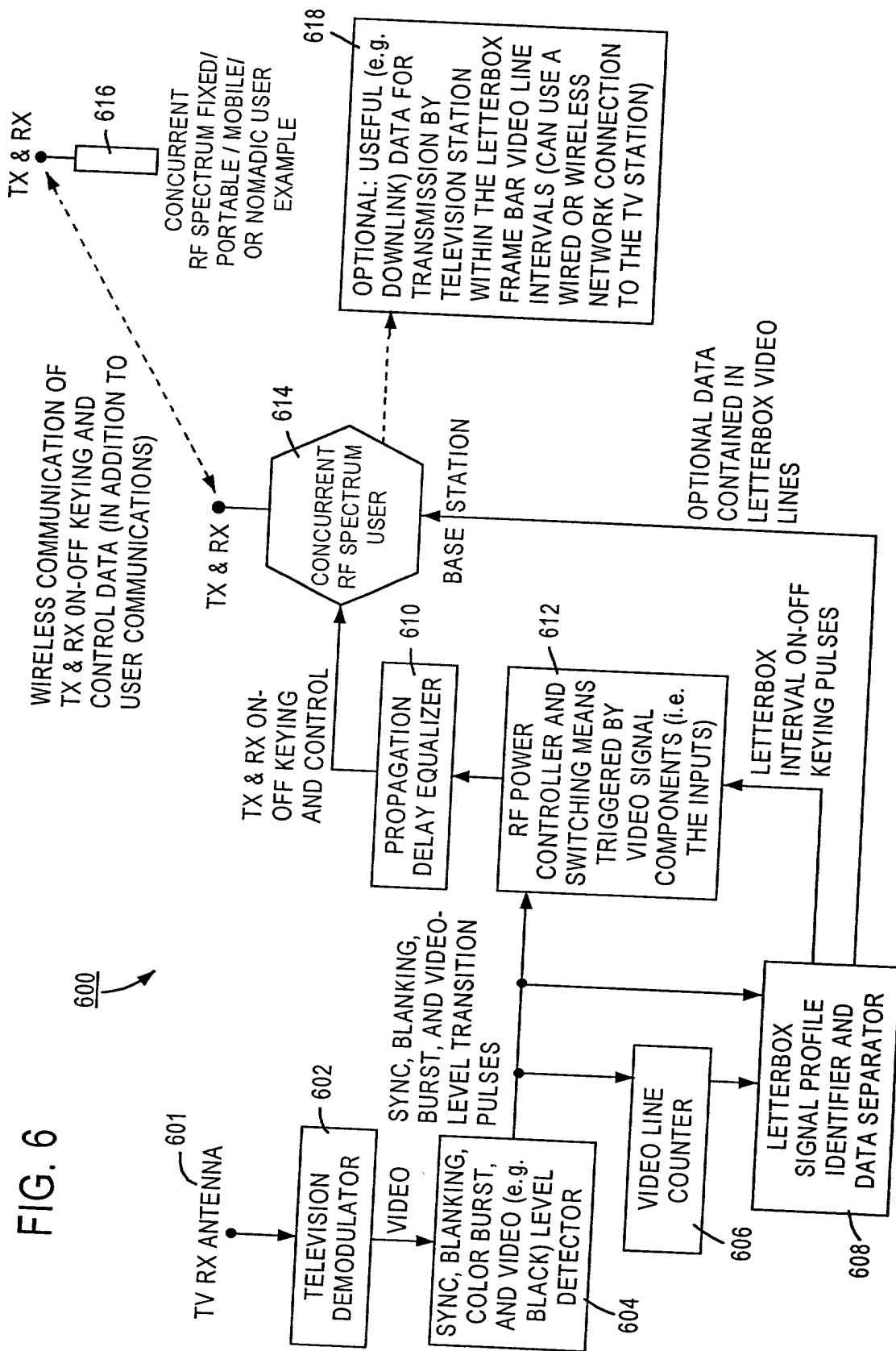


FIG. 5



EXAMPLE #1:

SCREEN ASPECT RATIO = 4:3 STANDARD NTSC
DISPLAY AREA = FULL SCREEN
LETTERBOX FRAME AREA = NONE.

FIG. 9A

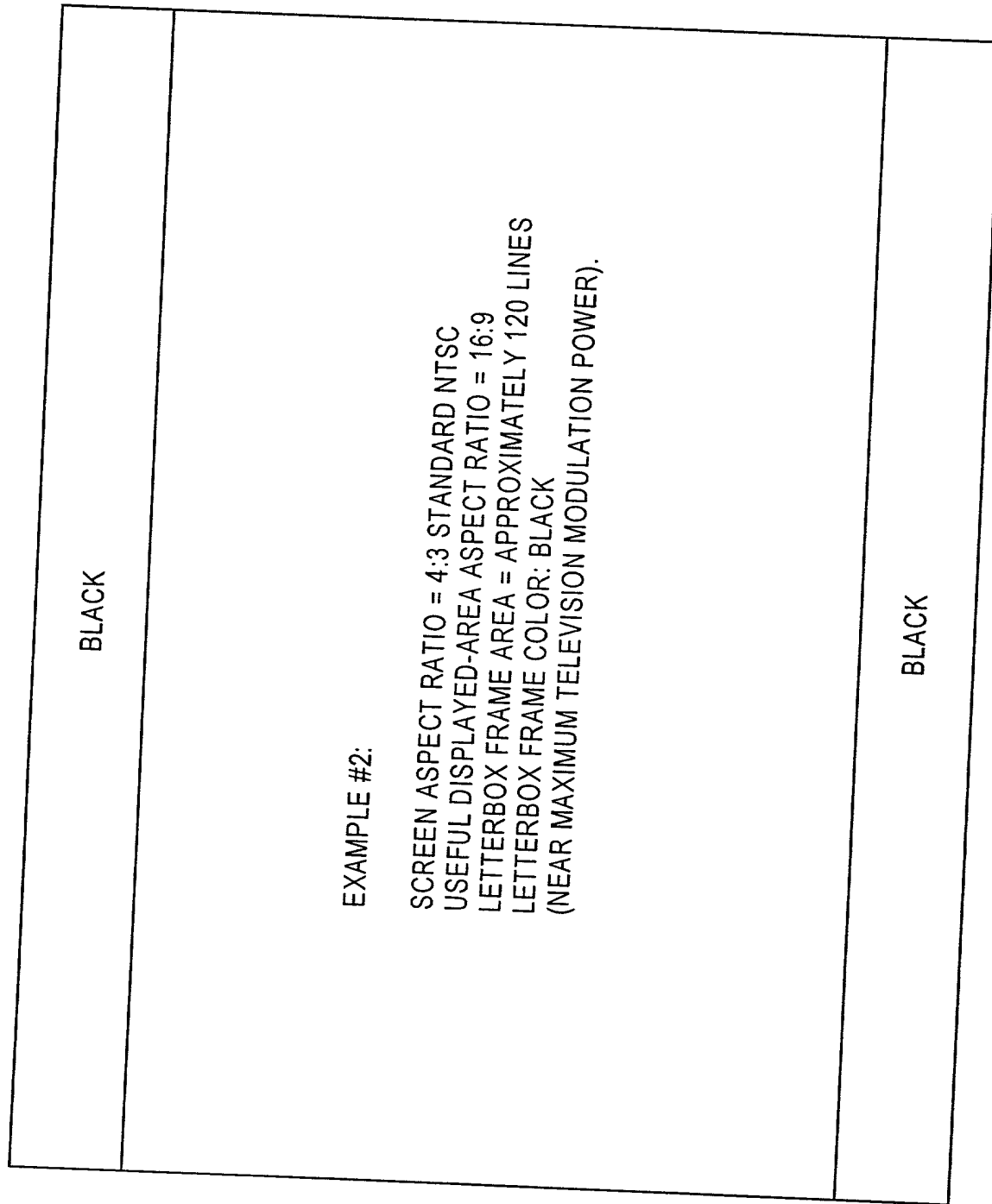


FIG. 9B

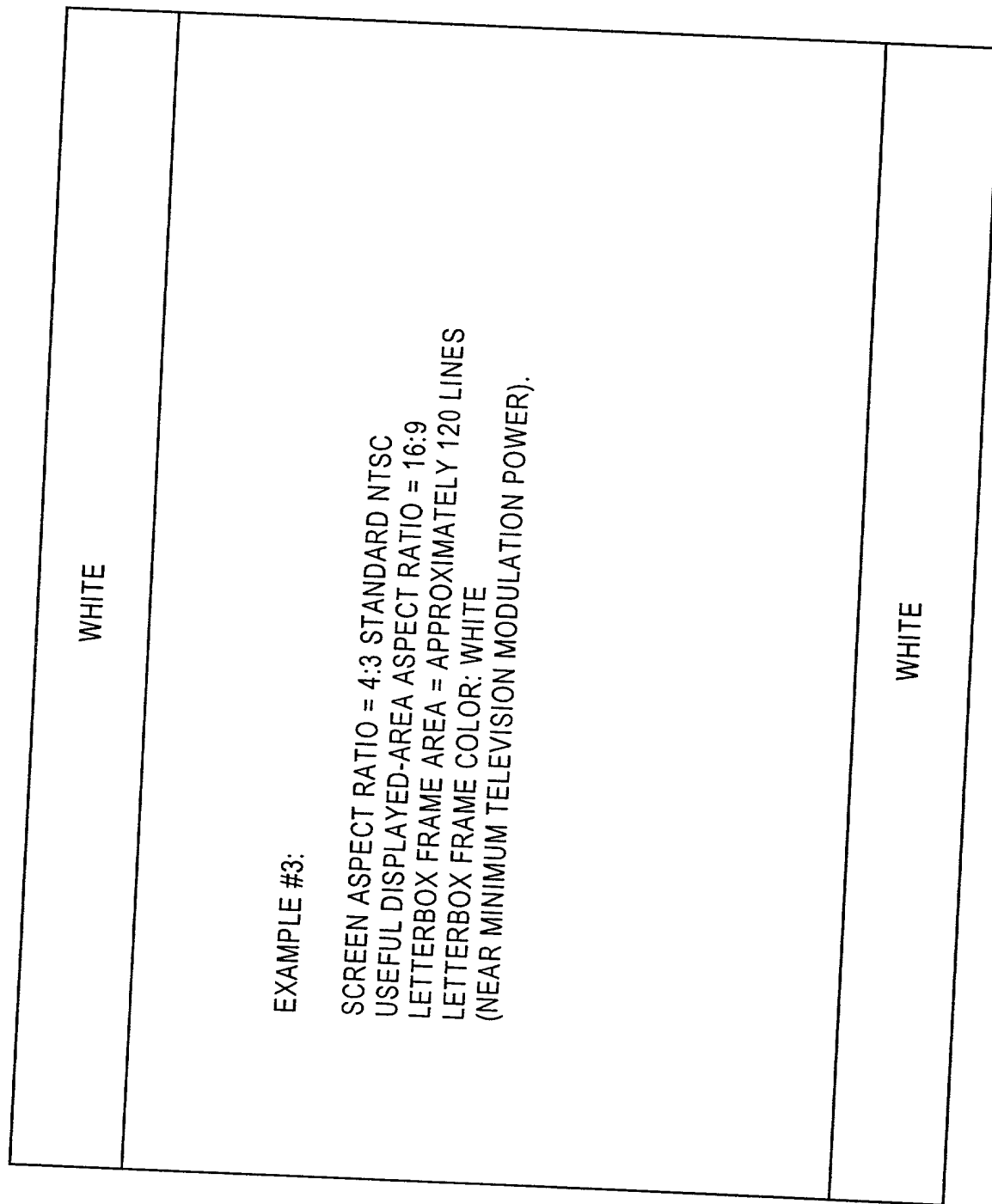


FIG. 9C

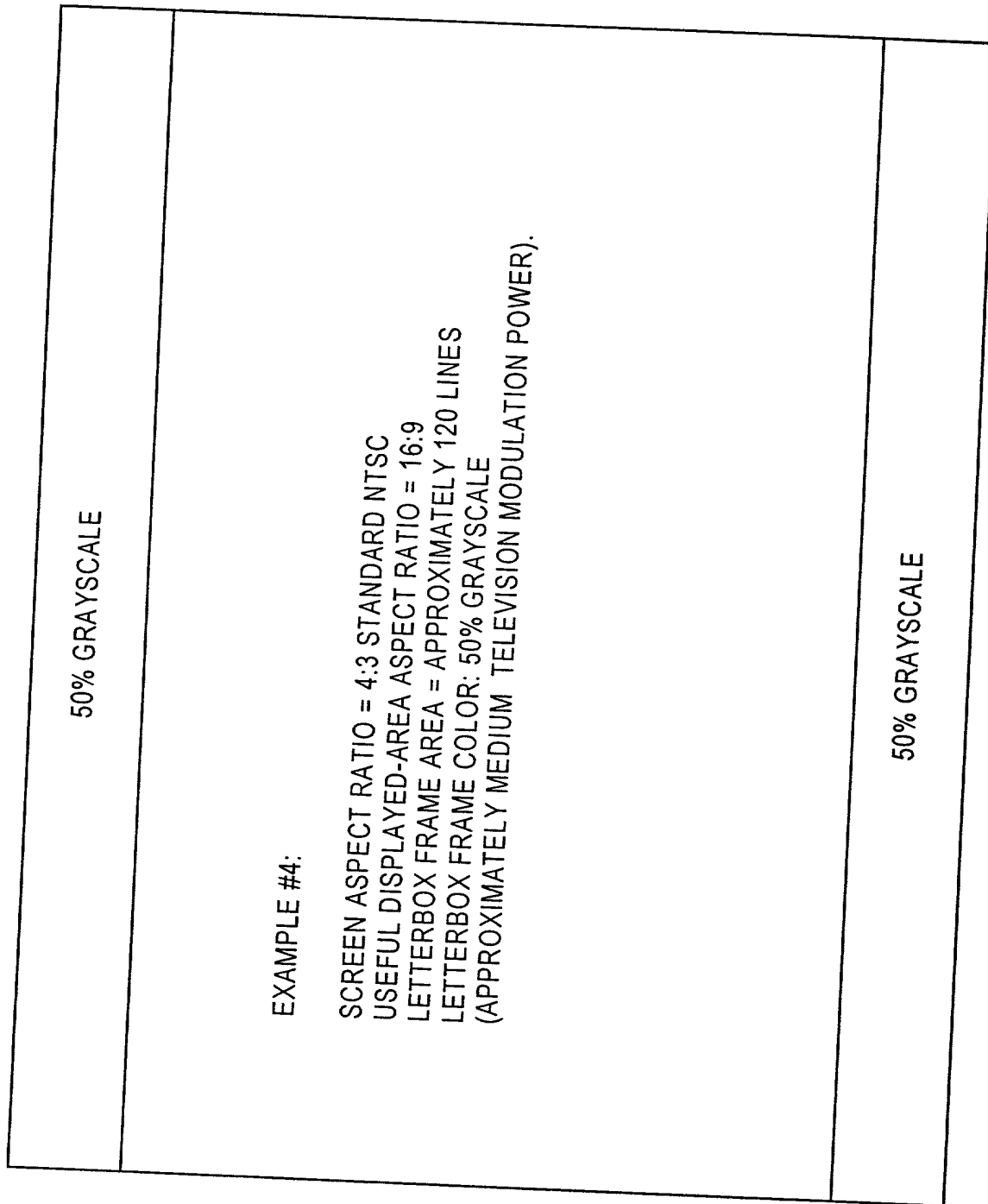


FIG. 9D

TEXTURED, RANDOM OR PSEUDORANDOM
<p>EXAMPLE #5:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: TEXTURED, RANDOM OR PSEUDORANDOM.</p>
TEXTURED, RANDOM OR PSEUDORANDOM

FIG. 9E

ACTUAL DATA OR DOTTING SEQUENCE	
<p>EXAMPLE #6:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: ACTUAL DATA OR DOTTING SEQUENCE.</p>	
ACTUAL DATA OR DOTTING SEQUENCE	

FIG. 9F

TOP SECRET

<u>1010</u>	<u>1012</u>	<u>1014</u>	<u>1008</u>	<u>1002</u>
Defined Relative Levels	RF Carrier Power (%)	IRE Scale	Sources (Volts DC)	
Power Reduction #2	0	120	1.1429	●
Power Reduction #1	6.25	110	1.0714	●
Reference White	12.5	100	1.0000	●
		90	0.9286	●
↑	(Grayscale and Carrier	80	0.8571	●
	Power may	70	0.7857	●
	not be	60	0.7143	●
Grayscale	linear	50	0.6429	●
	functions)	40	0.5714	●
↓		30	0.5000	●
		20	0.4286	●
		10	0.3571	●
Black	67.5	7.5	0.3393	●
Blanking	75	0	0.2857	●
		-10	0.2143	●
		-20	0.1429	●
		-30	0.0714	●
Sync Pulse Tip	100	-40	0	●

1004 → S1

1006 → S2

FIG. 10

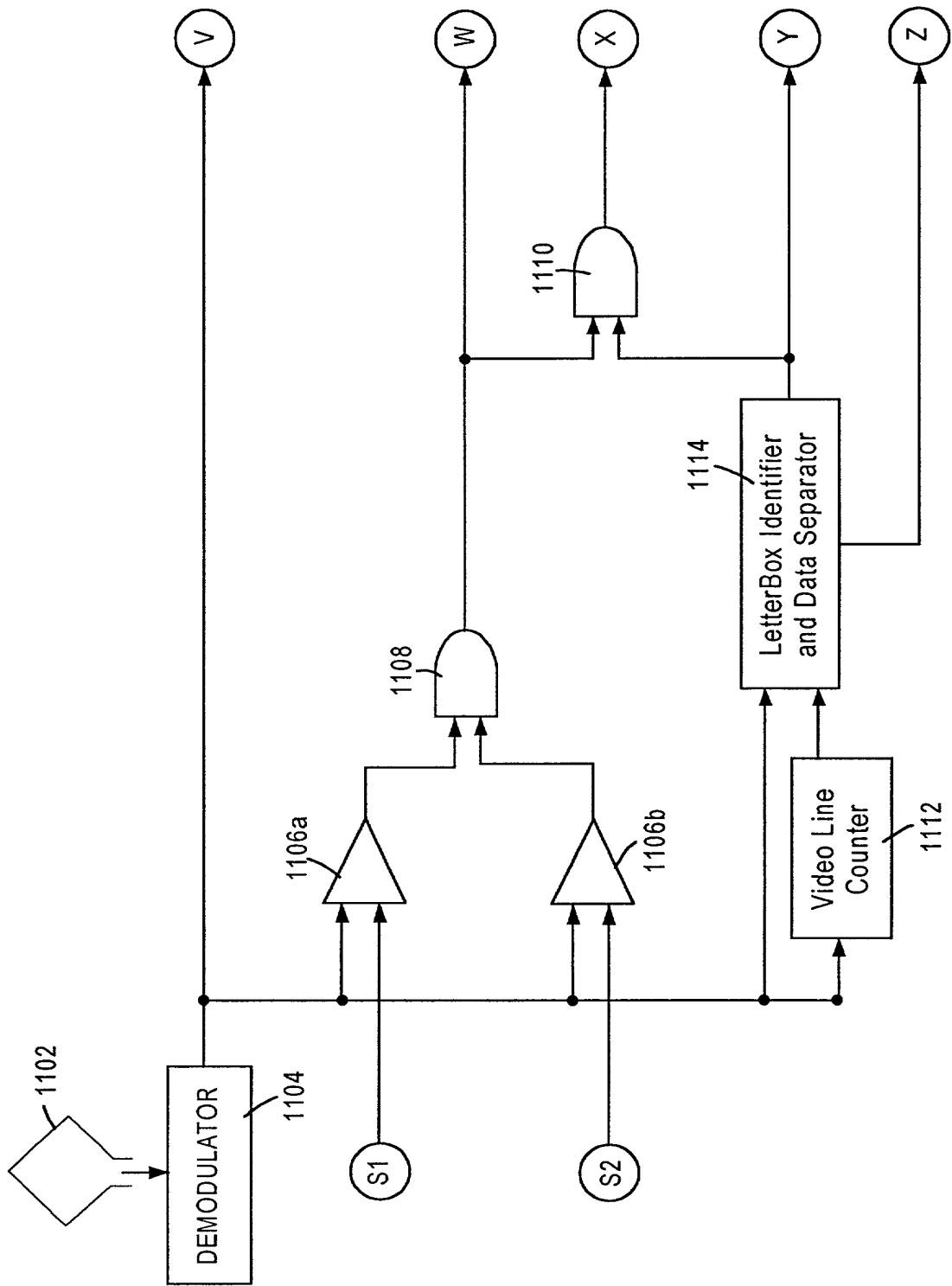
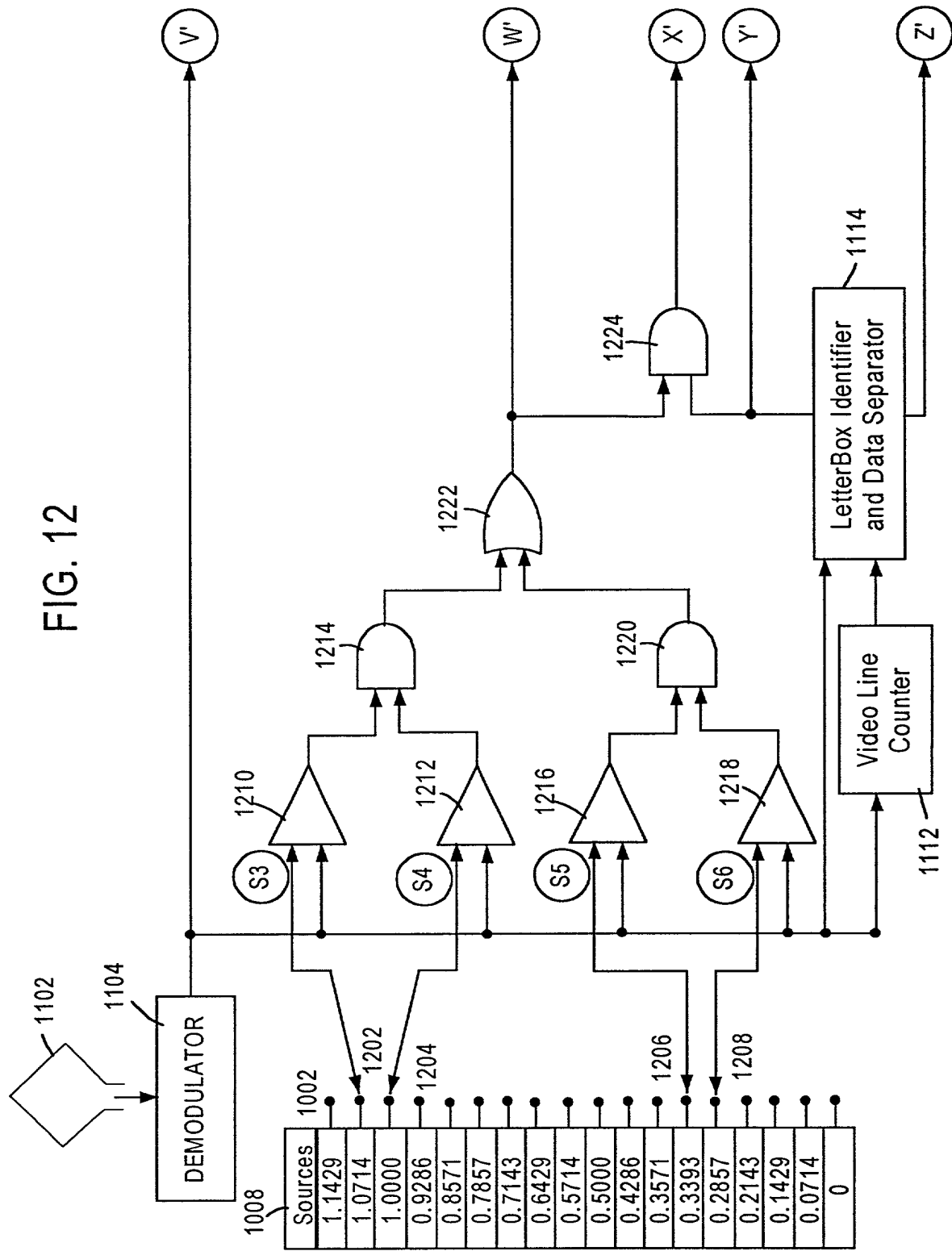


FIG. 11

FIG. 12



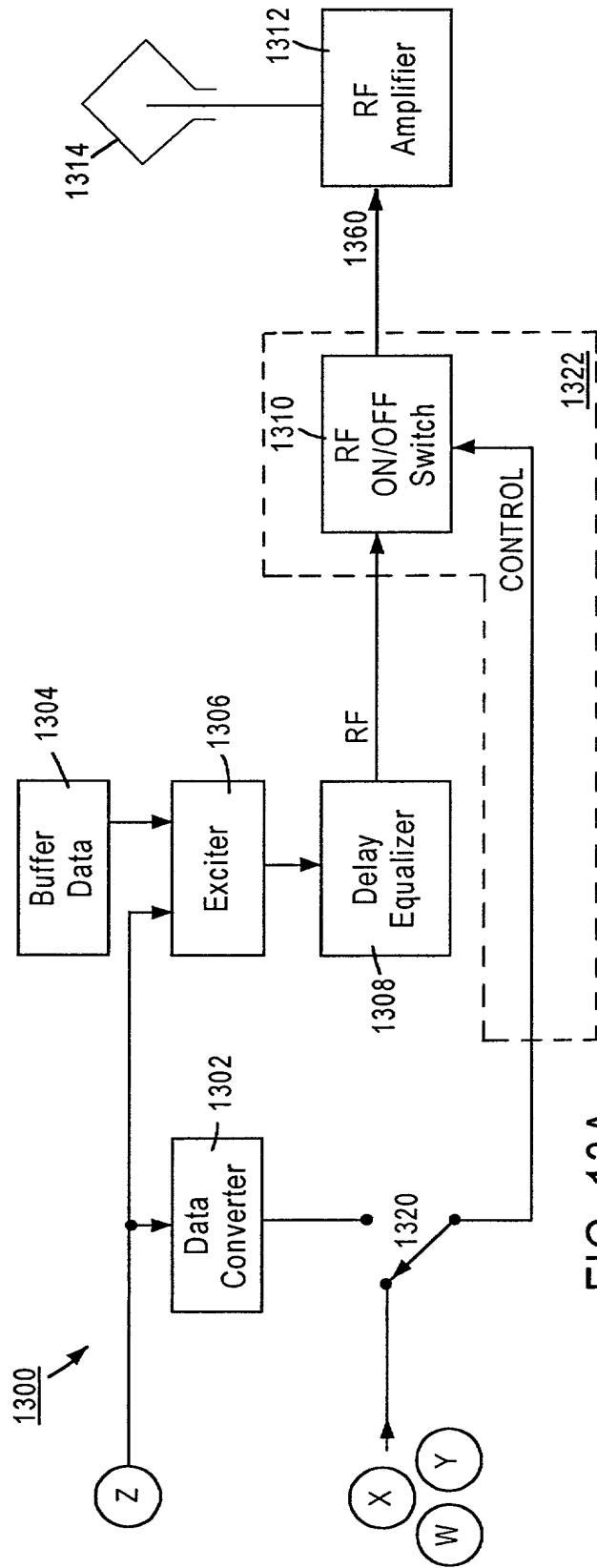


FIG. 13A

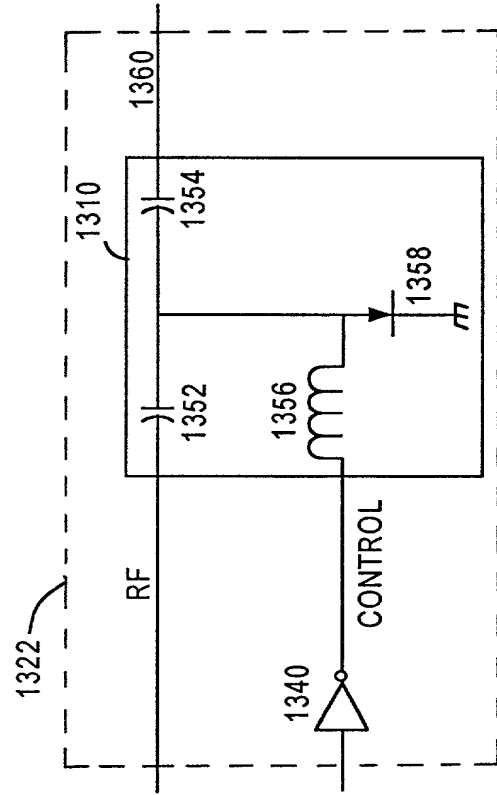


FIG. 13B

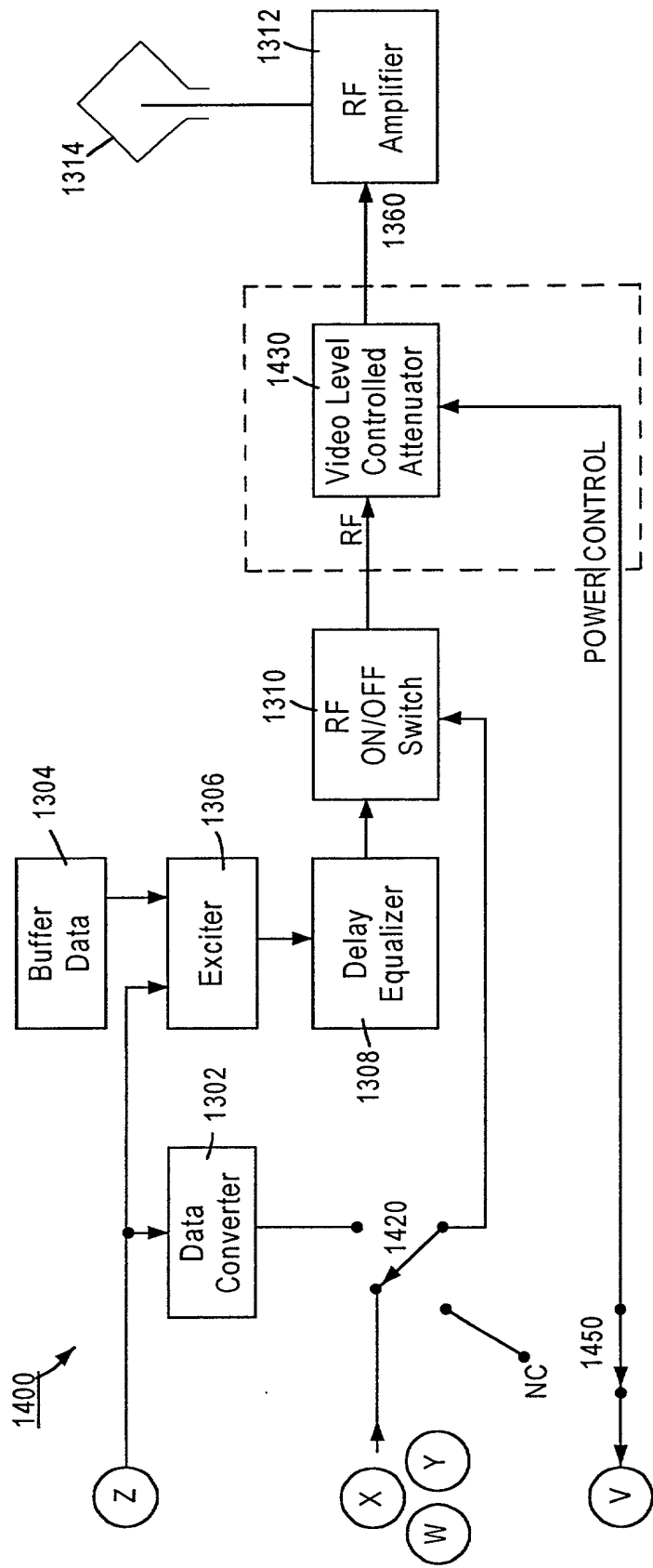


FIG. 14A

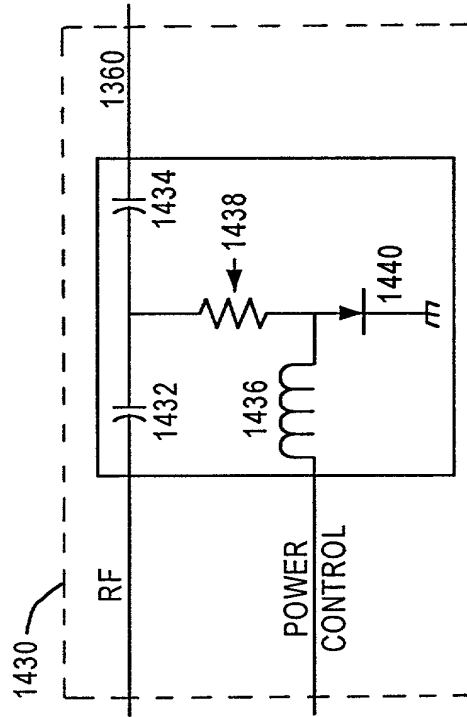


FIG. 14B

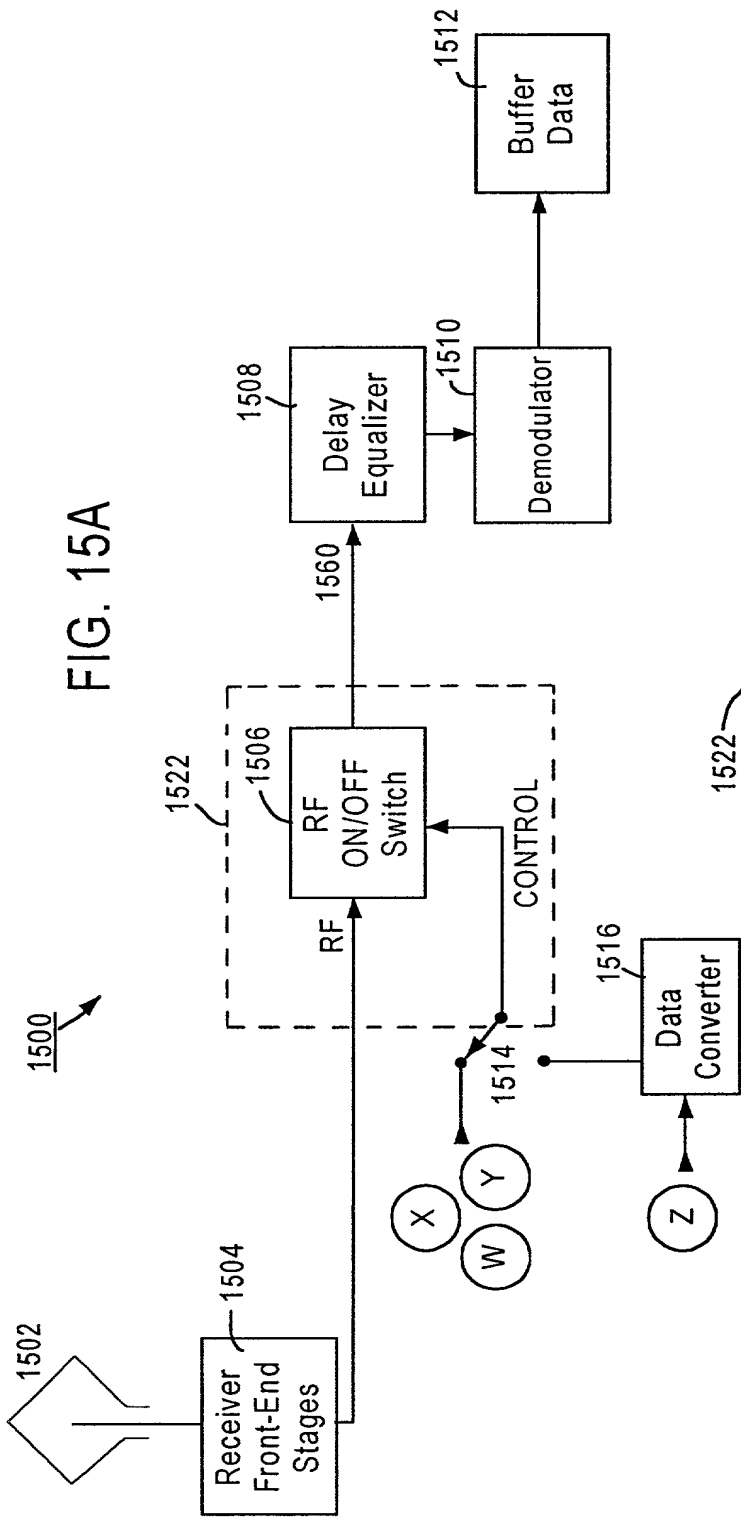
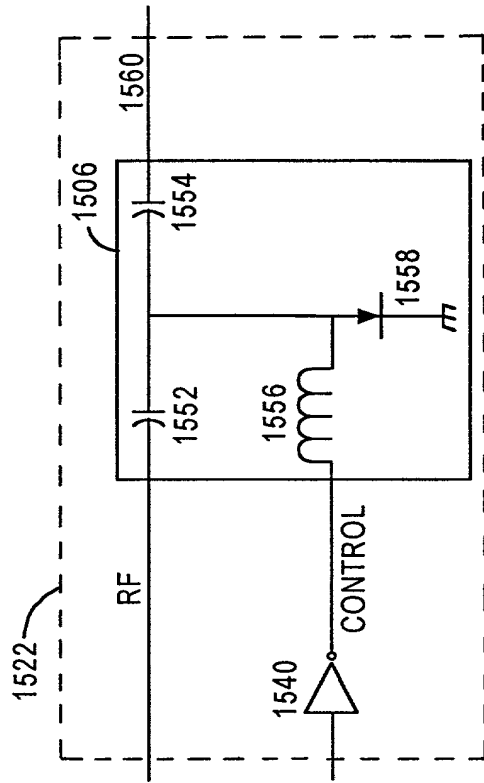


FIG. 15B



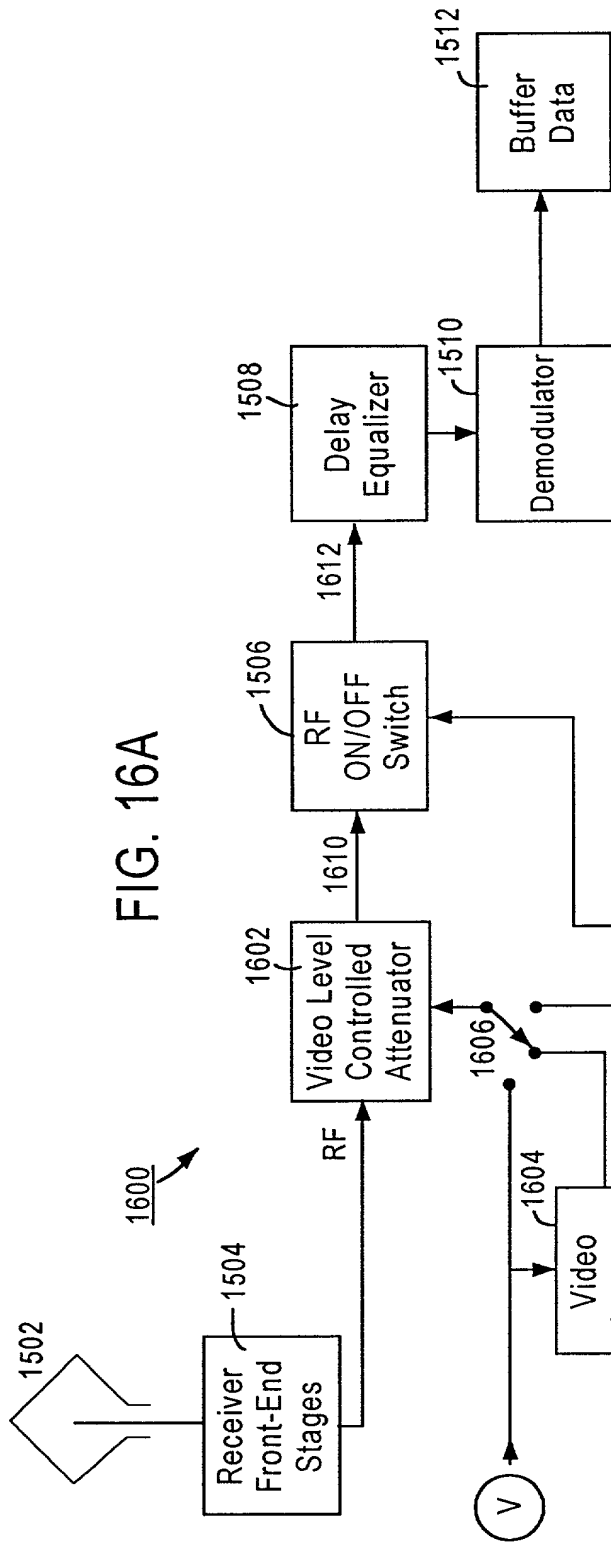


FIG. 16A

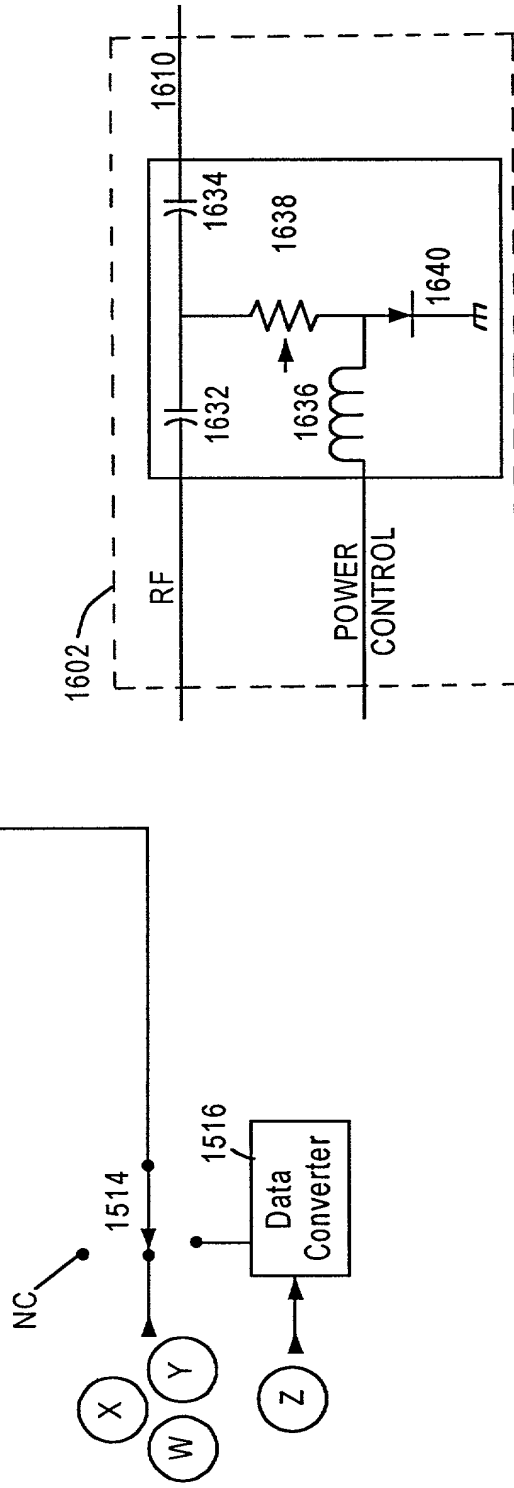


FIG. 16B

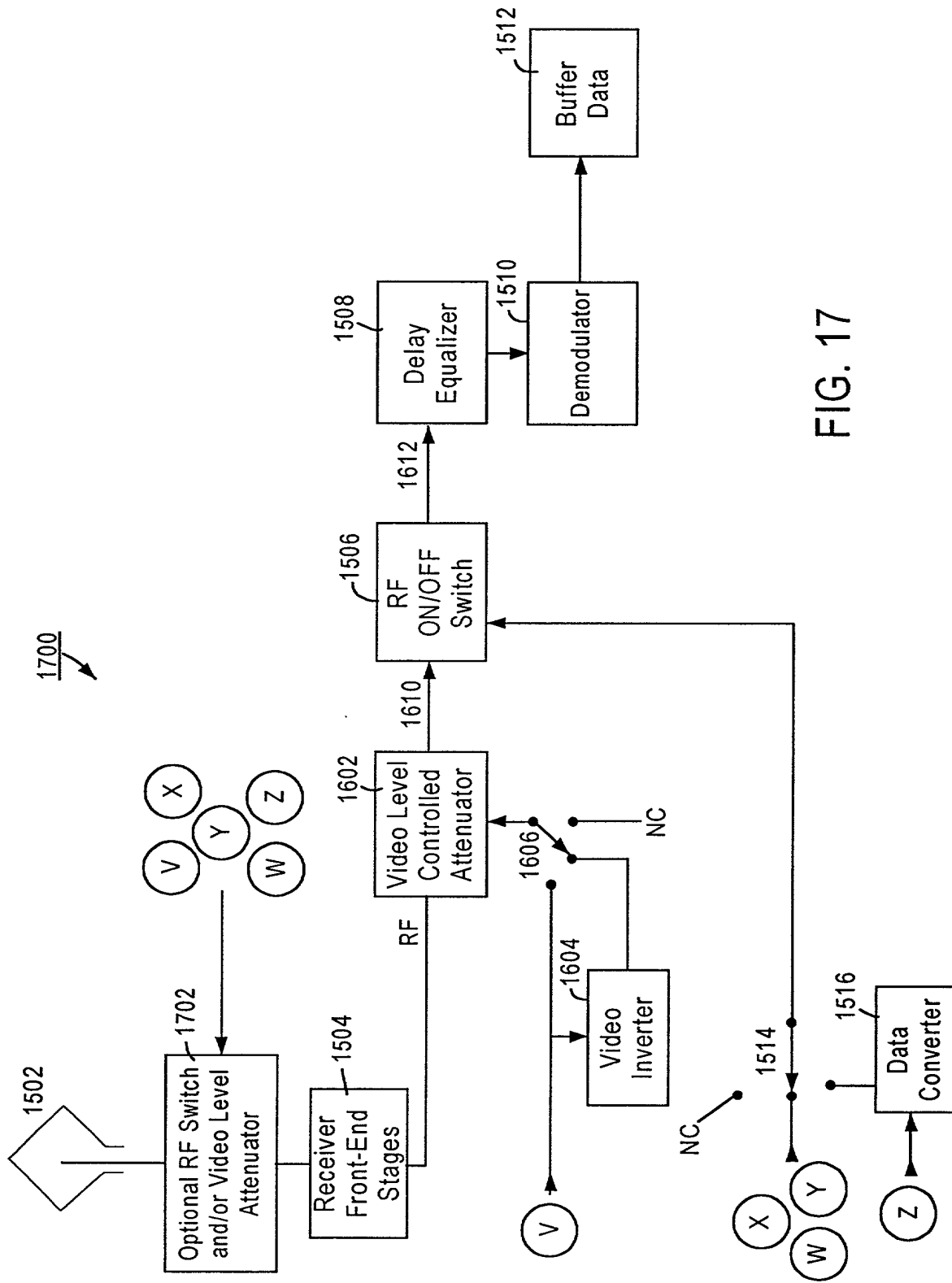


FIG. 17